

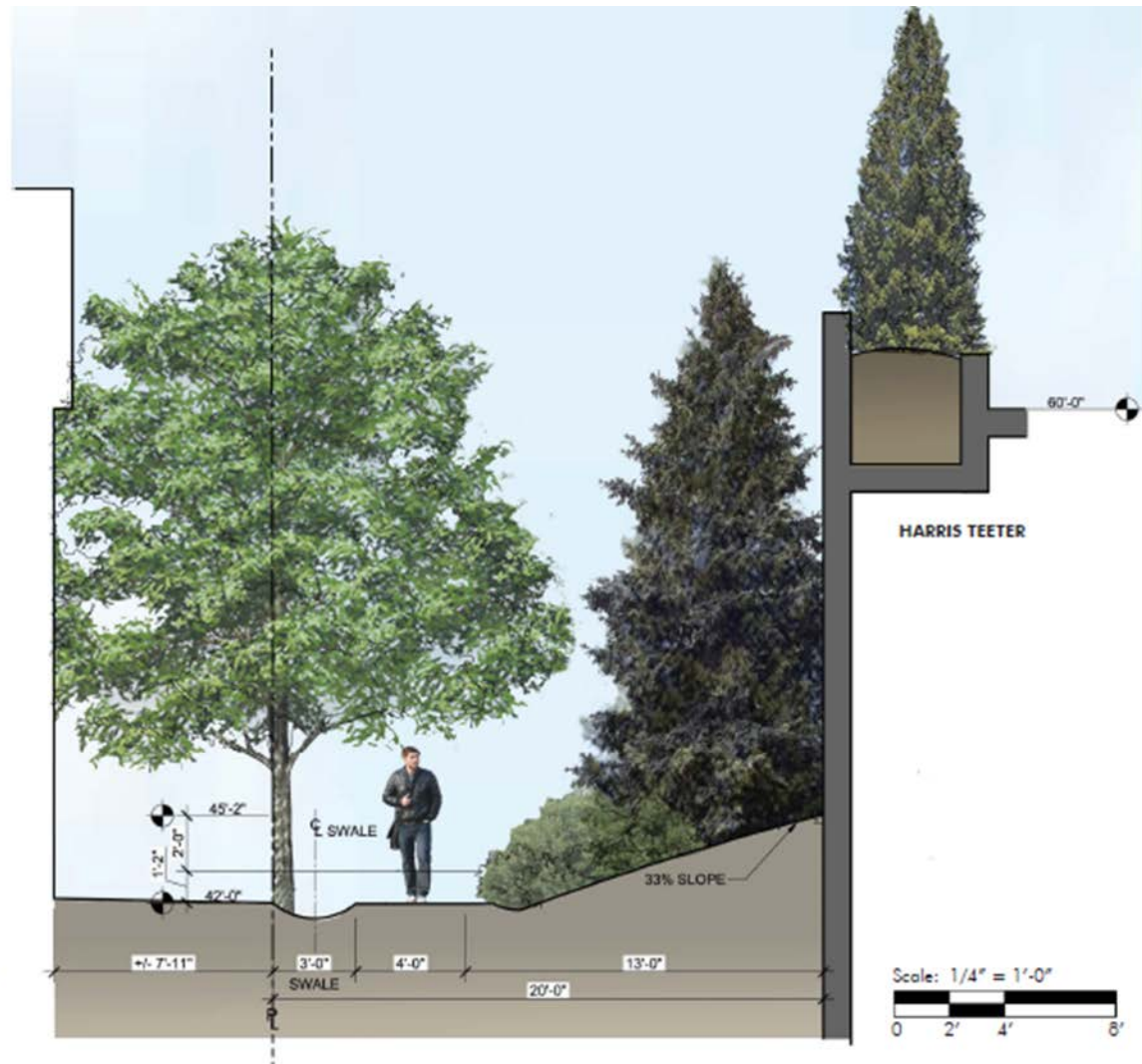


# Pedestrian Accessibility Improvements



WINTER HILL  
TOWNHOUSES

Buffer Section  
Buffer Zone D  
PROJECT #13021







## Capital Bikeshare – Falls Church?



# What is Capital Bikeshare?

- A joint program began in 2010 between D.C. and Arlington County governments. Expanded to Alexandria in 2012 and expanding to Montgomery County, later this year.
- Over 1800 bikes at 215 solar powered docking stations.
- Operated by Alta Bicycle Share.
- Bike Transit: Not considered a bike rental system.
- Designed for point to point, relatively short trips, last mile.
- Complements other transport modes.



## Funding

- Phase 1 of the D.C. portion of Capital Bikeshare was funded by \$6,400,000 from FHWA Congestion Mitigation and Air Quality (CMAQ) Fund.
- Arlington portion of Phase 1 of Capital Bikeshare was funded by \$800,000 from combination of State, County and private sector funds in roughly equal thirds.
- Subsequent funding for expansion has been with CMAQ funds for DC and CMAQ and local funds in Arlington and Alexandria.
- Revenues from memberships and usage fees used to offset operations cost in Arlington and Alexandria.





## The Bike

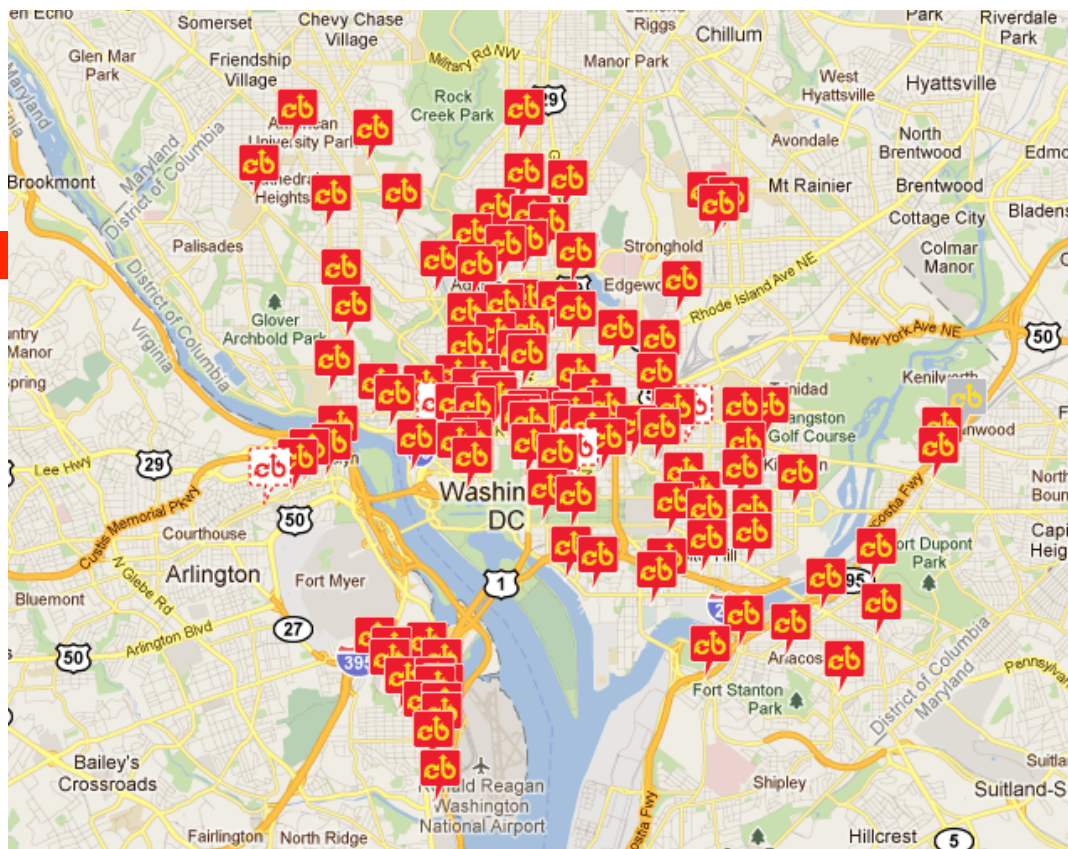
- Sturdy design specifically for bike sharing & utilitarian life outdoors.
- Simple, safe, easy to ride, and comfortable for a wide range of users
- Bikes are self-serve using a member key or credit card.





# The Station

- Kiosk, map frame, solar panel, and variable number of docks.
- Modular: can be expanded or picked up & moved by truck to new location.
- Can be located on public or private property, sidewalk or street.



# The DC-VA Network

Currently 1,800+ bicycles at 215 stations regionally

54 stations in Arlington, 153 stations in DC, 8 in Alexandria





## Bikeshare Users



**Annual members: 2/3 male, 1/3 female, 42% between age 25-34**

**Casual users: 75% travel in groups, over half of users females**

**70% of annual members use Spotcycle (smart phone bike locator)**



# Membership

**Credit card based system**

**Fees: 1-day, \$7; 3-day, \$15; 1-year, \$75. Charges apply after 30 minutes**

***Bank on DC* program to broaden access, includes discounted membership**



## Data: Since September 2010

- Since every trip is recorded electronically, we have a lot!
- 21,000+ active members (annual and monthly)
- 280,000+ day users
- Over 4,000,000 trips
- Peak rider day: 11,372 on April 14<sup>th</sup>, 2013
- 60 reported crashes
- 14 stolen bikes that have not been recovered

## Falls Church Today

- Growing public interest
- Bike share not too far away
- New Development, with more urban density
- Two easily accessible Metro Stations

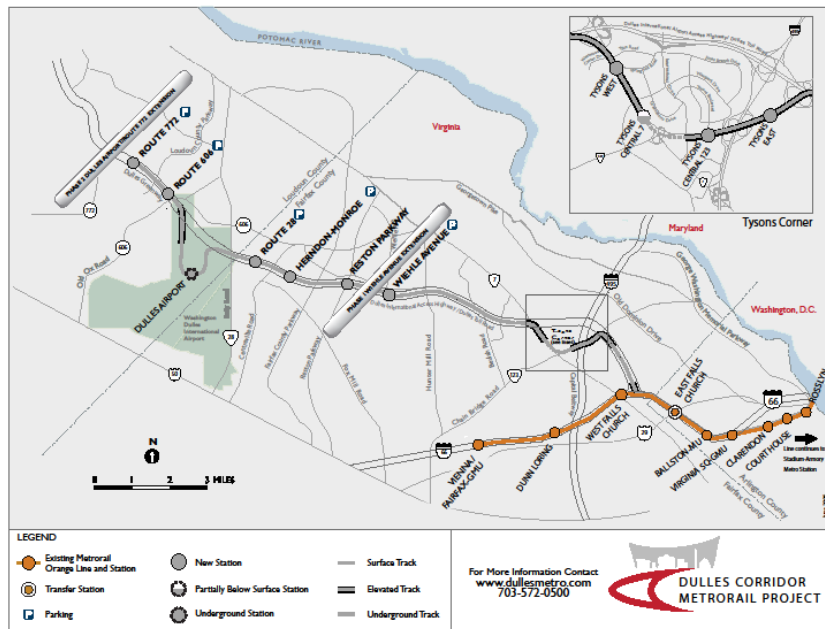




# Falls Chrch Future Questions

- **Routes connecting comercial centers and neighborhoods to Metro Stations**
- **Incomplete bicycle infrastructure & improvements**
- **Need for improved wayfinding**
- **Promotion of bicycling and bike sharing**
- **Different types of users: comfort levels and experience**

# Connection to Metro





# Bikeshare Station Siting

- Optimal Station spacing  $\frac{1}{4}$  mile
- Minimum station footprint: 12' x 42'
- Site on public or private property, sidewalk or street



# Using Bikes & Bikeshare

- Most bikeshare trips are under 3 miles and of less than 20 minutes
- For members and casual users
- Most cyclists prefer feeling safe and some separation from motor vehicles
- Trails and paths, bike lanes and cycle tracks.





# Bicycle Infrastructure



Intersection Improvements



Cycle Tracks



Buffered Bike Lanes

# Promotion of Bicycling & Bikeshare

- **Community-based programs**
- **All ages & abilities**
- **Employer sponsored**
- **Area wide events & promotion**
- **Bike Fleets**





# Falls Church Future?



Bike share station here?



# Thanks for your interest. Questions?

